

ASSIGNMENT 3 | Adding Some Style With CSS

This assignment relates to the following Course Learning Requirements:

CLR 1: Write program code using structured programming, and top-down coding techniques

CLR 5: Modify an existing program according to program specifications

Objective of this Assignment:

The objective of this assignment is to add CSS styling to the “About Me” and “Contact Us” pages from Assignment #2.

By now, you have created two pages (aboutme.html and contact.html). However, both contain only HTML language with semantic elements but without any styling. In this assignment, you will add the style factor by developing a .css file to apply style to the various elements in your existing HTML files. You will then link this stylesheet to the html documents.

Pre-Assignment Instructions:

1. To prepare you for this assignment, read the module 4 content and embedded examples.

Assignment Tasks:

PART 1

1. Create a new CSS file called “style.css”
2. Add the following rules, along with the necessary selectors, to the CSS file:
 - a. Create a rule for an id called “top” to set the:
 - background color to #33ff88
 - top margin to 15px
 - top padding to 10px
 - border to be a solid grey border, with a width of 2px
 - width to 1000px
 - left and right margins to 'auto'.
 - b. Create a rule for <fieldset> elements to set the:
 - top margin to 4px
 - background color to #8f8e6e
 - c. Create a rule for <legend> elements to set the:
 - text color to #d46622
 - background color to #ccadbe
 - border to 1px wide solid border with a color of #72072e
 - padding to 3px
 - font weight to bold

- d. Create a rule for <table> elements to set the:
 - width to 80%
 - margin to 4px
 - padding to 4px
 - e. Create a rule for <td> elements to set the:
 - padding to 2px
 - f. Create a rule for a class called "required" to set the:
 - text color to #ffa600
 - g. Create a rule for <p> elements which are a descendant of an element with id="data" to set the:
 - left padding to 8px
2. Link this CSS file (a.k.a the stylesheet) to "aboutme.html" and "contact.html"

PART 2

1. Validate the CSS file to ensure that it follows proper syntax. Please use the following website to validate your html file: [LINK](#)
2. Create a .zip file containing the aboutme.html file, the contact.html file, the style.css file, along with any other necessary files (e.g. images)
3. Submit the .zip file through Brightspace

Important notes:

- Please make sure to follow carefully the instructions above. This should be treated as requirements set out by a customer, so please ensure that they are all met as described. This is also reflected in the rubric.
- It is important to use only a regular text editor such as a Visual Studio Code (VS Code), Notepad, or Notepad++ . An IDE, such as Eclipse or Dreamweaver, cannot be used to complete this. It is highly recommended to use VS Code.

Assignment Grading Rubric (5%)

| Stylesheet | Level 2 | Level 1 | Criterion Score |
|---|--|--|-----------------|
| CSS rule for elements with id="top" | <p>2.1 points</p> <p>The following properties are correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> background color to #33ff88 top margin to 15px top padding to 10px border to be grey, with a width of 2px width to 1000px left margins to 'auto' right margins to 'auto' | <p>0 points</p> <p>The following properties are not correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> background color to #33ff88 top margin to 15px top padding to 10px border to be grey, with a width of 2px width to 1000px left margins to 'auto' right margins to 'auto' | / 2.1 |
| CSS rule for <fieldset> elements | <p>0.6 points</p> <p>The following properties are correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> top margin to 4px background color to #8f8e6e | <p>0 points</p> <p>The following properties are not correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> top margin to 4px background color to #8f8e6e | / 0.6 |
| CSS rule for <legend> elements | <p>1.5 points</p> <p>The following properties are correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> text color to #d46622 background color to #ccadbe border to 1px wide solid border with a color of #72072e padding to 3px font weight to bold | <p>0 points</p> <p>The following properties are not correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> text color to #d46622 background color to #ccadbe border to 1px wide solid border with a color of #72072e padding to 3px font weight to bold | / 1.5 |
| CSS rule for <table> elements | <p>0.9 points</p> <p>The following properties are correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> width to 80% margin to 4px padding to 4px | <p>0 points</p> <p>The following properties are not correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> width to 80% margin to 4px padding to 4px | / 0.9 |
| CSS rule for <td> elements | <p>0.3 points</p> <p>The following properties are correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> padding to 2px | <p>0 points</p> <p>The following properties are not correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> padding to 2px | / 0.3 |
| CSS rule for elements with class="required" | <p>0.3 points</p> <p>The following properties are correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> text color to #ffa600 | <p>0 points</p> <p>The following properties are not correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> text color to #ffa600 | / 0.3 |
| CSS rule for paragraph elements which are a descendent of an element with id="data" | <p>0.3 points</p> <p>The following properties are correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> left padding to 8px | <p>0 points</p> <p>The following properties are not correctly set (0.3 pts each):</p> <ul style="list-style-type: none"> left padding to 8px | / 0.3 |

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|-----------------------------|---|---|-----|
| Linking external stylesheet | 2 points Stylesheet is correctly linked to each of the following existing HTML files (1 pt each): <ul style="list-style-type: none"> • aboutme.html • contact.html | 0 points Stylesheet is not correctly linked to each of the following existing HTML files (1 pt each): <ul style="list-style-type: none"> • aboutme.html • contact.html | / 2 |
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| Validation | Level 3 | Level 2 | Level 1 | Criterion Score |
|-----------------|-----------------------------------|---|---|-----------------|
| Code validation | 2 points Error-free validation | 0.5 points Code contains some errors | 0 points No code submitted to be validated | / 2 |

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| Total | / 10 |
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